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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/526,442	03/16/2000	Kamran Ahmed	10442-5"US" JA/mb	2596

20988 7590 05/21/2003

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EXAMINER

BRIER, JEFFERY A

ART UNIT	PAPER NUMBER
2672	14

DATE MAILED: 05/21/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/526,442	AHMED, KAMRAN
	Examiner	Art Unit
	Jeffery A. Brier	2672

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 May 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires 6 months from the mailing date of the final rejection.
 b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
 ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on 13 May 2003. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.

2. The proposed amendment(s) will not be entered because:

- they raise new issues that would require further consideration and/or search (see NOTE below);
- they raise the issue of new matter (see Note below);
- they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see page 2 concerning amendment to the specification.

3. Applicant's reply has overcome the following rejection(s): ____.

4. Newly proposed or amended claim(s) ____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: ____.

6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.

7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: ____.

Claim(s) objected to: ____.

Claim(s) rejected: 1-7.

Claim(s) withdrawn from consideration: ____.

8. The proposed drawing correction filed on 13 May 2003 is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). ____.

10. Other: ____

Jeffery A. Brier
 Primary Examiner
 Art Unit: 2672

Response to Amendment

1. The amendment filed 05/13/03 under 37 CFR 1.116 in reply to the final rejection has been considered but is not deemed to place the application in condition for allowance and will not be entered because: it enters new matter into the specification. The amendment to page 8 enters new matter because figure 4 does not describe the RGB which is overlaid with YUV as a RGB desktop. It seems from figure 4 that the RGB is part of a window, see the text associated with YUV over RGB overlay.

Drawings

2. The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on 05/13/03 have been approved. A proper drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The correction to the drawings will not be held in abeyance.

Response to Arguments

3. Applicant's arguments filed 05/13/03 have been fully considered but they are not persuasive.

4. The arguments concerning the 112 first paragraph rejection incorrectly asserts figure 4 as showing each CRTC performing both blending and overlaying. In figure 4 CRTC1 is shown generating a YUV image over a RGB image. Figure 4 shows CRTC2 generating a full screen output of video with sub picture blending. Nowhere in figure 4

is shown a CRTC blending and overlaying two surfaces. Thus, the 112 first paragraph rejection stands.

5. The arguments concerning the 103 rejection incorrectly asserts that Ranganathan does not teach or suggest a second display controller with the same feature of the first display controller such that the CRT and the LCD can display different overlaid images. Figure 7B shows the dual mode described at column 7 lines 51-67, see final rejection at page 7, where one controller 56, 34, 32, and 38 displays YUV movie and graphics on CRT 24 and another controller 56, 36, 42, and 30 displays RGB graphics on LCD 22. Column 7 lines 53-55 describes sending graphics pixels from graphics memory 56 to path 36 to mux 42 to path 30 to LCD 22. Column 7 lines 56-59 describes sending movie pixels or graphics pixels from graphics memory 56 to YUV path 34 to mux 32 to path 38 to CRT 24. Thus, this path generates graphics pixels and movie pixels on CRT 24. Column 7 lines 63-65 modifies path 36 to have a means to combine a smaller movie window on a graphics background by adding additional logic. Thus, Ranganathan clearly states the existence of a means in path 36 to overlay a scaled movie window onto a graphics background and a means for having movie and graphics in path 34. Therefore, Ranganathan suggests to one of ordinary skill in the art that overlaying in both paths is desirable. Exhibit A, modified figure 8A, is not totally correct because it shows the scaled movie to be overlaid on the graphics background as the same movie read by MVE FIFO 62. This is not what Ranaganthan teaches because he teaches a smaller movie overlaid onto the graphics background, he does not state the smaller movie is the same movie provided in path 34.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffery A. Brier whose telephone number is (703) 305-4723. The examiner can normally be reached on M-F from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi, can be reached at (703) 305-4713).

Any response to this action should be mailed to:

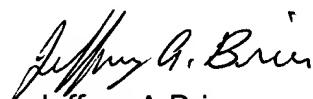
Commissioner of Patents and Trademarks
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or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.



Jeffery A Brier
Primary Examiner
Art Unit 2672